

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): System for electric coupling of a plane connection to the electrodes of the same polarity of an electrochemical bundle comprising an alternating sequence of at least one positive electrode and at least one negative electrode framing a separator, each electrode comprising a metal strip less than 50 μm thick, serving as current collector, at least one surface of which is coated with a paste containing the electrochemically active material, the strips of the electrodes of each polarity comprising a non-coated lateral band emerging respectively from the opposite ends of said bundle, characterized in that the lateral bands of the strips of the same polarity are folded in a direction approximately perpendicular to their initial direction at a height at least equal to the distance separating them from the adjacent strips of the same polarity in order to form an approximately plane and continuous base to which said plane connection is welded, wherein said lateral bands are folded in a concertina manner.

2. (original): System according to claim 1, in which said lateral bands are folded at a height comprised between 3 and 4 mm.

3. (original): System according to claim 1, in which said strips have a minimum thickness comprised between 10 μm and 15 μm .

4. (original): System according to claim 1, in which said plane connection is laser-welded with addition of material to said folded strips.

5. (original): System according to claim 1, in which said plane connection is transparency laser-welded to said folded strips.

6. (original): System according to claim 1, in which said connection is electrically connected to a current output.

7. (original): System according to claim 1, in which said connection constitutes a current output.

8. (original): System according to claim 1, in which said bundle comprises a positive electrode and a negative electrode, framing a separator, which are spirally wound in order to form a coil.

9. (original): System according to claim 1, in which said lateral band of the positive electrode has a height comprised between 13 mm and 17 mm.

10. (original): System according to claim 1, in which said lateral band of the negative electrode has a height comprised between 8 mm and 12 mm.

11. (original): System according to claim 1, in which said plane connection is welded at a distance of at least 3 mm from one end of the separator of the electrochemical bundle.

12. (canceled).

13. (original): System according to claim 1, in which said plane connection is a blade not covering all of the surface of the plane base formed by said folded lateral bands.

14-24. (canceled).